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NAME OF INVENTOR(S): Olivier Charles Schuepbach	SERIAL NUMBER: XX CONFIRMATION NO.: XX
TITLE OF INVENTION: RSSE Optimization Using Hardware Acceleration TI FILE NO.: TI-33782 DEPOSIT ACCT. NO.: 20-0668	
EXPRESS MAIL RECEIPT NO.:	
MAILED DATE: July 31, 2003 DATE DUE: Ron Neerings / Elizabeth Austin ATTY/SECY:	

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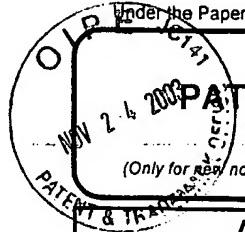


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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

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## UTILITY

## PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-33782

First Named Inventor or Application Identifier

Olivier Charles Schuepbach

Title RSSE Optimization Using Hardware Acceleration

Express Mail Label No.

EV 334467356 US

### APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Specification [Total Pages 17]

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3.  Drawing(s) (35 USC d113) FORMALS [Total Sheets 5]

4. Oath or Declaration [Total Pages 2]

- a.  Newly Executed (original or copy)

- b.  Copy from a prior application (37 CFR §1.63(d))  
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

i.  DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s)  
named in the prior application,  
see 37 CFR §1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of  
the oath or declaration is supplied under Box 4b, is considered as  
being part of the disclosure of the accompanying application and is  
hereby incorporated by reference therein.

### ADDRESS TO:

Commissioner for Patents  
Box Patent Application  
Alexandria, VA 22313-1450

6.  Microfiche Computer Program (Appendix)

7.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a.  Computer Readable Copy

- b.  Paper Copy (identical to computer copy)

- c.  Statement verifying identical of above copies

### ACCOMPANYING APPLICATION PARTS

8.  Assignment Papers (cover sheet & Documents(s))

9.  37 CFR §3.73(b) Statement  
(when there is an assignee)  Power of Attorney

10.  English Translation Document (if applicable)

11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

12.  Preliminary Amendment

13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

14.  Small Entity Statement(s)  Statement filed in prior application  
(PTO/SB/09-12) Status still proper and desired

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Other:

*A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.*

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No: /

Prior application information: Examiner

Group / Art Unit:

### 18. CORRESPONDENCE ADDRESS

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(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

NAME	RONALD O. NEERINGS Texas Instruments Incorporated		
ADDRESS	Mail Station 3999 P. O. Box 655474		
CITY	Dallas	STATE	TX
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ZIP CODE	75265		
FAX	(972) 917-4418		

Name (Print/Type)	RONALD O. NEERINGS	Registration No. (Attorney/Agent)	34,227
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Signature		Date	7/31/03
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/00-12.

NOV 24 2003

TOTAL AMOUNT OF PAYMENT

(\$1 750.00)

## Complete If Known

Application Number	TBD
Filing Date	Herewith
First Named Inventor	Olivier Charles Schuepbach
Examiner Name	TBD
Group / Art Unit	TBD
Attorney Docket No.	TI-33782

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge to the following Deposit Account.

Deposit Account Number

20-0668

Deposit Account Name

Texas Instruments Incorporated

Charge any additional fee required or credit any overpayment

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2.  Payment Enclosed:

Check     Money Order     Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	\$750
106	330	206	165	Design filing fee	\$
107	540	207	270	Plant filing fee	\$
- 108	790	208	395	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
SUBTOTAL (1)				\$750	

### 2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	10	-20** = 0	x 18 = 0	= 0
Independent Claims	2	-3** = 0	x 84 = 0	= 0
Multiple Dependent			280 = 0	= 0

\*or number previously paid, if greater; For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent Claims in excess of 3
104	270	204	135	Multiple dependent claims in excess of 3
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$0)

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension of time within second month	
117	950	217	475	Extension of time within third month	
118	1,510	218	755	Extension of time within fourth month	
128	2,060	228	1,030	Extension of time within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (time number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

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SUBMITTED BY

Typed or Printed Name

RONALD O. NEERINGS

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Reg. Number: 34,227

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Date

7/31/03

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Olivier Charles Schuepbach** Docket No.: **TI-33782**  
Serial No.: **10/631,095** Examiner: **TBD**  
Filed: **07/31/2003** Art Unit: **2681**  
For: **RSSE Optimization Using Hardware Acceleration** Conf. No.: **3490**

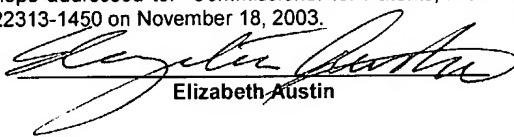
**RESPONSE TO NOTICE OF INCOMPLETE NONPROVISIONAL APPLICATION**  
**Filed Under 37 CFR 1.53(b)**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

**MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that the above correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, Va 22313-1450 on November 18, 2003.



Elizabeth Austin

In response to the attached "NOTICE OF INCOMPLETE NONPROVISIONAL APPLICATION" Filed Under 37 CFR 1.53(b). Enclosed please find 5 sheets of Formal Drawings.

Formal Drawings were previously submitted on July 31, 2003 with the formal application; therefore, no fee is believed to be due by Applicant.

Respectfully submitted,



Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, Texas 75265  
(972) 917-5299

Ronald O. Neerings  
Attorney for Applicants  
Reg. No. 34,227

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